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Patent Claims

1. A radiopaque marker for medical implants containing
  - 10 to 90 weight-percent of a biodegradable base component,
  - 10 to 90 weight-percent of one or more radiopaque elements from the group I, Au, Ta, Y, Nb, Mo, Ru, Rh, Ba, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Re, Os, Ir, and Bi as the marker component, and
  - less than or equal to 10 weight-percent residual components, the components cited adding up to 100 weight-percent.
2. The marker according to Claim 1, characterized in that the marker is an alloy.
3. The marker according to Claim 2, characterized in that the alloy contains one or more biodegradable elements from the group magnesium, iron, or zinc as the base component.
4. The marker according to Claim 1, characterized in that the marker is a composite having a biodegradable polymer as the base component.
5. The marker according to one of the preceding claims, characterized in that the marker component comprises one or more elements from the group I, Ta, Y, Ce, Nd, Sm, Gd, or Dy.
6. The marker according to Claim 5, characterized in that the marker component entirely or to at least 90 weight-percent or more of the marker component consists of tantalum.
7. The marker according to one of the preceding claims, characterized in that the proportion of the base component in the marker is 30 to 70 weight-percent, in particular 40 to 60 weight-percent.

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8 The marker according to one of the preceding claims, characterized in that a proportion of the rare earth elements and of yttrium as components of the marker component is not more than 20 weight-percent, in particular not more than 15 weight-percent, in the marker.

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9 The marker according to one of the preceding claims, characterized in that the proportion of the residual component in the marker is  $\leq 5$  weight-percent, in particular  $\leq 1$  weight-percent.

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10 The marker according to Claim 4, characterized in that the biodegradable polymer of the composite comprises hyaluronic acid, chitosan, and polylactides, the polymers cited possibly being provided as derivatives which may be derived from the basic structure.

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11 A biodegradable implant having a section or coating made of a marker according to one more of Claims 1 through 10.

12 A biodegradable implant having a main body entirely or partially comprising a marker according to one more of Claims 1 through 10.

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13 A biodegradable implant according to Claims 11 or 12, characterized in that the main body is molded from a biodegradable magnesium alloy.

14 The biodegradable implant according to one of Claims 11 through 13, characterized in that the implant is an endovascular implant, an occluder, an orthopedic implant, or an alloplastic prosthesis.

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